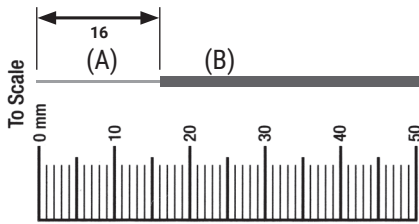


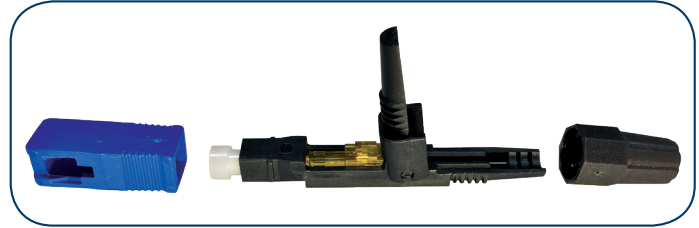
Cleerline SSF™ SC Connector

Termination/Retermination With:
SSF™ CLEERFIBER 900 μ m

This guide assumes proper selection of connector matching SSF™ CLEERFIBER 900 μ m MM or SM fiber. Due to SSF™ fiber's extreme durability your cleaver may require a wheel height adjustment to successfully cleave SSF™²



(A) SSF™ Glass Fiber
(B) 900 μ m CLEER Jacket



1. Unscrew boot from rear of connector and slide onto CLEERFIBER. Slide 900 μ m build tube included with SSF™ connectors onto CLEERFIBER.



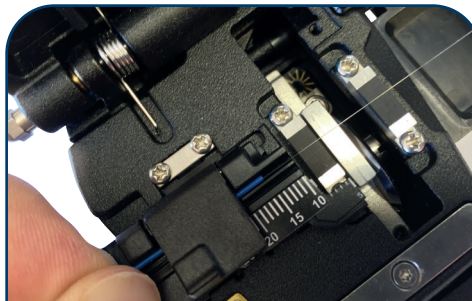
2. Place connector onto VFL. Ensure activator slide tab is in "open" position - slide towards rear of connector. Open hinge on connector.



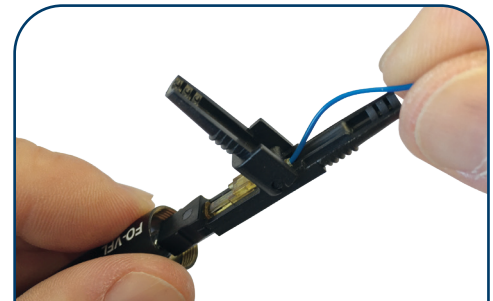
3. Using the 250 μ m opening on fiber strippers, close fiber strippers at 12 mm and 24 mm from end of cable to score outer jacket. DO NOT REMOVE JACKET.



4. USE FINGERS ONLY. Squeeze the 900 μ m jacket and pull to remove the first 12 mm section. Repeat with second 12 mm section.



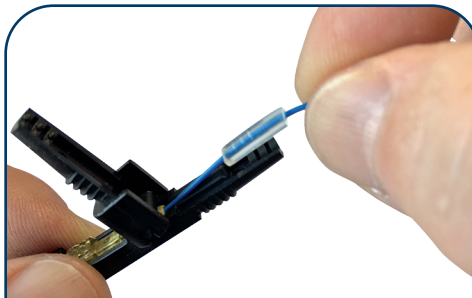
5. Cleave fiber measuring from CLEER jacket. For SSF™ SC = 16 mm.² For ease of view colored fiber is shown in above and following images.



6. Insert fiber into the rear of connector until a slight "bow" is created and the light emitting from connector window dims and/or extinguishes.



7. Slide activator tab towards connector tip. Remove from VFL, Install dust cap.



8. Slide build tube forward and seat in rear of connector, ensure fiber is straight, close hinge. Slide boot forward and tighten until secure. Install cover.

Do not use fiber strippers to remove CLEERFIBER 900 μ m jacket. Using fiber strippers can damage the SSF™ Fiber.

On installation, limit CLEERFIBER cable to no more than 5 ea 90° sweep turns. Each turn incurs approximately ≥ 0.5 dB loss.
Ex: 2 ea connectors at ≥ 1.5 dB + 5 ea turns at ≥ 2.5 dB total ≥ 4.0 dB loss.

**For more information
visit cleerlinefiber.com**

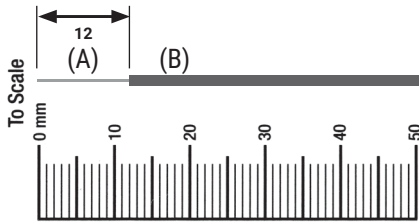
¹ SSF™ Fiber does not require the use of alcohol cleaning as the glass fiber is not exposed being protected with SSF™ proprietary coating. Remove the 900 μ m jacket with fingers only. Do not use strippers to remove.

² Due to the extreme durability and bend insensitivity of SSF™ fiber your cleaver may require a wheel height adjustment procedure to allow successful cleaving of SSF™ fibers. For more information visit cleerlinefiber.com

Cleerline SSF™ LC Connector

Termination/Retermination With:
SSF™ CLEERFIBER 900 μm

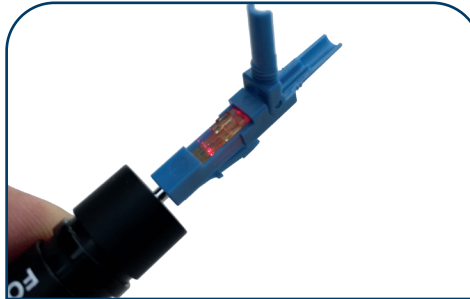
This guide assumes proper selection of connector matching SSF™ CLEERFIBER 900 μm MM or SM fiber. Due to SSF™ fiber's extreme durability your cleaver may require a wheel height adjustment to successfully cleave SSF™²



(A) SSF™ Glass Fiber
(B) 900 μm CLEER Jacket



1. Unscrew boot from rear of connector and slide onto CLEERFIBER. Slide 900μm build tube included with SSF™ connectors onto CLEERFIBER.



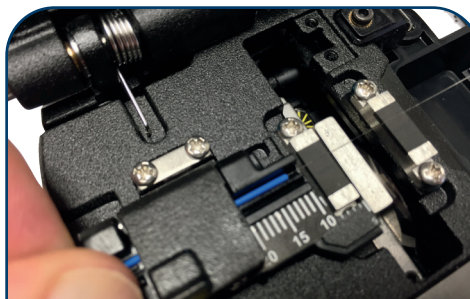
3. Place onto VFL using an LC type adapter. Ensure activator slide tab is in "open" position - slide towards rear of connector. Open hinge on connector.



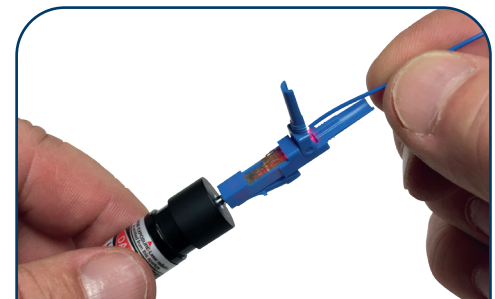
3. Using the 250 μm opening on fiber strippers, close fiber strippers at 12 mm and 24 mm from end of cable to score outer jacket. DO NOT REMOVE JACKET.



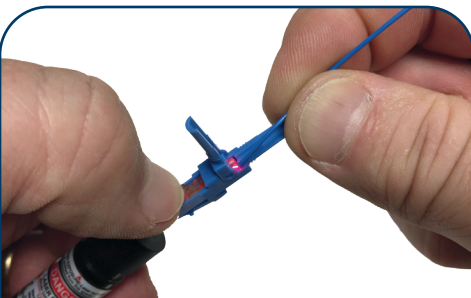
4. USE FINGERS ONLY. Squeeze the 900 μm jacket and pull to remove the first 12 mm section. Repeat with second 12 mm section.



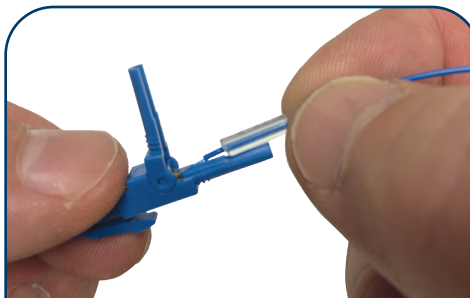
5. Cleave fiber measuring from CLEER jacket. For SSF™ LC = 12 mm.² For ease of view colored fiber is shown in above and following images.



6. Insert fiber into the rear of connector until a slight "bow" is created and the light emitting from connector window dims and/or extinguishes.



7. Slide activator tab towards connector tip. Remove from VFL, Install dust cap.



8. Slide build tube forward and seat in rear of connector, ensure fiber is straight, close hinge. Slide boot forward and tighten until secure.

Do not use fiber strippers to remove CLEERFIBER 900 μm jacket. Using fiber strippers can damage the SSF™ Fiber.

On installation, limit CLEERFIBER cable to no more than 5 ea 90° sweep turns. Each turn incurs approximately ≥ 0.5 dB loss.
Ex: 2 ea connectors at ≥ 1.5 dB + 5 ea turns at ≥ 2.5 dB total ≥ 4.0 dB loss.

**For more information
visit cleerlinefiber.com**

¹ SSF™ Fiber does not require the use of alcohol cleaning as the glass fiber is not exposed being protected with SSF™ proprietary coating. Remove the 900 μm jacket with fingers only. Do not use strippers to remove.

² Due to the extreme durability and bend insensitivity of SSF™ fiber your cleaver may require a wheel height adjustment procedure to allow successful cleaving of SSF™ fibers. For more information visit cleerlinefiber.com